

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

GAVERINI, Gaetano
Basell Poliolefin Italia S.p.A.
Intellectual Property
Via Pergolesi, 25
I-20124 Milano
ITALIE

TC 1700 MAIL ROOM

FEB - 9 2001

RECEIVED

| | |
|-----------------------------------------------------------------|------------------------------------------------------------------------|
| Date of mailing (day/month/year) 21 November 2000 (21.11.00) | IMPORTANT NOTIFICATION |
| Applicant's or agent's file reference TC 5404 PPA | |
| International application No. PCT/EP00/02196 | International filing date (day/month/year) 13 March 2000 (13.03.00) |

1. The following indications appeared on record concerning:

☒ the applicant

 ☐ the inventor

 ☐ the agent

 ☐ the common representative

| | | |
|----------------------------------------------------------------------------------------------------------|----------------------------|--------------------------|
| Name and Address MONTELL TECHNOLOGY COMPANY BV Hoeksteen 66 NL-2132 MS Hoofddorp Netherlands | State of Nationality NL | State of Residence NL |
| | Telephone No. | |
| | Facsimile No. | |
| | Teleprinter No. | |

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person

 ☒ the name

 ☐ the address

 ☐ the nationality

 ☐ the residence

| | | |
|---------------------------------------------------------------------------------------------------------|----------------------|--------------------|
| Name and Address BASELL TECHNOLOGY COMPANY BV Hoeksteen 66 NL-2132 MS Hoofddorp Netherlands | State of Nationality | State of Residence |
| | Telephone No. | |
| | Facsimile No. | |
| | Teleprinter No. | |

3. Further observations, if necessary:

NOTE ALSO CHANGE OF NAME IN AGENT'S ADDRESS.

4. A copy of this notification has been sent to:

| | |
|----------------------------------------------------------------------------|----------------------------------------------------------------------|
| <input checked="" type="checkbox"/> the receiving Office. | <input checked="" type="checkbox"/> the designated Offices concerned |
| <input type="checkbox"/> the International Searching Authority | <input type="checkbox"/> the elected Offices concerned |
| <input type="checkbox"/> the International Preliminary Examining Authority | <input type="checkbox"/> other: |

| | |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35 | Authorized officer Peggy Steunenberg Telephone No.: (41-22) 338.83.38 |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International Patent Classification ⁷ : C08J 5/12, B29C 45/14 | A1 | (11) International Publication Number: WO 00/59990 (43) International Publication Date: 12 October 2000 (12.10.00) |
| (21) International Application Number: PCT/EP00/02196 (22) International Filing Date: 13 March 2000 (13.03.00) (30) Priority Data: 99201014.0 2 April 1999 (02.04.99) EP (71) Applicant (for all designated States except US): MONTELL TECHNOLOGY COMPANY BV [NL/NL]; Hoeksteen 66, NL-2132 MS Hoofddorp (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): RIGOSI, Gian, Luigi [IT/IT]; Via Pomposa, 40, I-44100 Ferrara (IT). GOBERTI, Paolo [IT/IT]; Via Fondo Reno, 53, I-44049 Vigarano Mainarda (IT). (74) Agents: GAVERINI, Gaetano; Montell Italia S.p.A., Via Pergolesi, 25, I-20124 Milano (IT) et al. | | (81) Designated States: AU, BR, CA, CN, CZ, HU, ID, IN, JP, KR, MX, NO, PL, RU, SG, TR, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> |
| (54) Title: COUPLING METAL PARTS WITH A PLASTIC MATERIAL | | |
| (57) Abstract A process for effecting a coupling between a plastic material and a metal surface comprising the steps of applying a powder of a adhesive polymer composition to the metal surface; then overmoulding the metal surface with a plastic material by injection moulding; and finally applying heat to the metal surface. | | |

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

| | | | | | | | |
|----|--------------------------|----|------------------------------------------|----|----------------------------------------------|----|--------------------------|
| AL | Albania | ES | Spain | LS | Lesotho | SI | Slovenia |
| AM | Armenia | FI | Finland | LT | Lithuania | SK | Slovakia |
| AT | Austria | FR | France | LU | Luxembourg | SN | Senegal |
| AU | Australia | GA | Gabon | LV | Latvia | SZ | Swaziland |
| AZ | Azerbaijan | GB | United Kingdom | MC | Monaco | TD | Chad |
| BA | Bosnia and Herzegovina | GE | Georgia | MD | Republic of Moldova | TG | Togo |
| BB | Barbados | GH | Ghana | MG | Madagascar | TJ | Tajikistan |
| BE | Belgium | GN | Guinea | MK | The former Yugoslav Republic of Macedonia | TM | Turkmenistan |
| BF | Burkina Faso | GR | Greece | | | TR | Turkey |
| BG | Bulgaria | HU | Hungary | ML | Mali | TT | Trinidad and Tobago |
| BJ | Benin | IE | Ireland | MN | Mongolia | UA | Ukraine |
| BR | Brazil | IL | Israel | MR | Mauritania | UG | Uganda |
| BY | Belarus | IS | Iceland | MW | Malawi | US | United States of America |
| CA | Canada | IT | Italy | MX | Mexico | UZ | Uzbekistan |
| CF | Central African Republic | JP | Japan | NE | Niger | VN | Viet Nam |
| CG | Congo | KE | Kenya | NL | Netherlands | YU | Yugoslavia |
| CH | Switzerland | KG | Kyrgyzstan | NO | Norway | ZW | Zimbabwe |
| CI | Côte d'Ivoire | KP | Democratic People's Republic of Korea | NZ | New Zealand | | |
| CM | Cameroon | | | PL | Poland | | |
| CN | China | KR | Republic of Korea | PT | Portugal | | |
| CU | Cuba | KZ | Kazakstan | RO | Romania | | |
| CZ | Czech Republic | LC | Saint Lucia | RU | Russian Federation | | |
| DE | Germany | LI | Liechtenstein | SD | Sudan | | |
| DK | Denmark | LK | Sri Lanka | SE | Sweden | | |
| EE | Estonia | LR | Liberia | SG | Singapore | | |

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| | | |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Applicant's or agent's file reference TC 5404 PPA | FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below. | |
| International application No. PCT/EP 00/ 02196 | International filing date (day/month/year) 13/03/2000 | (Earliest) Priority Date (day/month/year) 02/04/1999 |
| Applicant MONTELL TECHNOLOGY COMPANY BV | | |

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 00/02196

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08J5/12 B29C45/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08J F16L B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| A | WO 96 14533 A (PIPE COUPLINGS A ASIA PTY LIMITED; RICCI GAIN LORENZO (AU); RICCI GIU) 17 May 1996 (1996-05-17) cited in the application claims 1,2 | 1 |
| A | --- PATENT ABSTRACTS OF JAPAN vol. 014, no. 198 (M-0965), 23 April 1990 (1990-04-23) & JP 02 041219 A (HITACHI METALS LTD), 9 February 1990 (1990-02-09) abstract | 1 |
| A | --- DE 41 09 397 A (AGRODUR GROSALSKI & CO ; DYNAMIT NOBEL AG (DE)) 24 September 1992 (1992-09-24) claim 1 --- -/-- | 1 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

14 July 2000

Date of mailing of the international search report

26/07/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2

NL - 2280 HV Rijswijk

Tel. (+31-70) 340-2040, Tx. 31 651 epo.nl,

Fax: (+31-70) 340-3016

Authorized officer

Niaounakis, M

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 00/02196

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| A | <p>DATABASE WPI Section Ch, Week 199431 Derwent Publications Ltd., London, GB; Class A21, AN 1994-252200 XP002142671 & JP 06 182808 A (FUJITSU LTD), 5 July 1994 (1994-07-05) abstract</p> <p>-----</p> | 1 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 00/02196

| Patent document cited in search report | | Publication date | Patent family member(s) | | Publication date |
|-------------------------------------------|---|---------------------|----------------------------|-----------|---------------------|
| WO 9614533 | A | 17-05-1996 | AU | 2046895 A | 14-12-1995 |
| | | | AU | 3767795 A | 31-05-1996 |
| ----- | | | | | |
| JP 02041219 | A | 09-02-1990 | NONE | | |
| ----- | | | | | |
| DE 4109397 | A | 24-09-1992 | NONE | | |
| ----- | | | | | |
| JP 6182808 | A | 05-07-1994 | NONE | | |
| ----- | | | | | |